

2002 Annual Report Review

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| Permittee: | Canyon Fuel company, LLC | |
| Mine Name: | SUFCO Mine | |
| Permit Number: | C/041/002 | |
| Date Report Received: | March 31, 2003 in the Price Field Office | |
| | | Date Completed ▼ |
| Assigned Reviewers: | Peter Hess, Engineer / Inspector | 5/2/2003 |
| | Joe Helfrich, Biology | 5/28/2003 |
| | Steve Fluke, Hydrology | 7/7/2003 |
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Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors: Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists: Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists: Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers: Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

| SECTIONS TO REVIEW | SUBMITTED | | FINDINGS |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| | YES | NO | |
| Cover Sheet | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cover sheet appears complete and accurate. |
| AVS; Legal/ Financial Update | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The permittee submitted current legal and financial information as part of Appendix C of the 2002 annual report. The information correlates with information extracted from the OSM applicant violator system dated April 9, 2003. |
| Mine Sequence Map | <input checked="" type="checkbox"/> | <input type="checkbox"/> | A mining progress map is included as Appendix D. The map is P.E. certified by Mr. Wes Sorensen and reports that the permittee extracted 7.6 MT during 2002 from lease UTU-76195. |
| Water Monitoring Data | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Water monitoring data is on file in the Division database for the three required monitoring quarters of 2002. |
| Precipitation & Climatological Data | <input checked="" type="checkbox"/> | <input type="checkbox"/> | A computer disk containing temperature and precipitation data for the whole year is included in the Annual Report. |
| Non-Coal Waste report | <input type="checkbox"/> | <input checked="" type="checkbox"/> | All noncoal waste generated at the Mine sees final disposal at the permitted Sevier County landfill. |

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| SECTIONS TO REVIEW | SUBMITTED | | FINDINGS |
|---|-------------------------------------|-------------------------------------|---|
| | YES | NO | |
| Subsidence Monitoring Data | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The permittee submitted the 2002 annual subsidence report as part of Appendix B. The report was prepared by Mr. John M. Black, Chief Surveyor for the permittee. The underground areas of the SUFCO Mine include 13 subsidence monitoring areas, nine of which are considered dormant. These areas are depicted on the provided Mine subsidence map, which has been P.E. certified by Mr. Wes Sorensen. Areas 10, 11 and 12 are considered active. The maximum deflection noted in the three areas is seven feet, having occurred in Area 10. |
| Annual Impoundment Certification | <input type="checkbox"/> | <input checked="" type="checkbox"/> | The permittee conducted the annual impoundment certification inspection during the 3 rd quarter of 2002, (September 27, 2002). The reports were P. E. certified and are on file at DOGM Salt Lake headquarters. |
| Annual Overburden, Spoil, Refuse, Floor, etc. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | The quarterly inspections are forwarded to the Division Salt Lake headquarters on a regular basis. All are P. E. certified. As such, same were not included as part of the Annual report for 2002. |
| Vegetation Data | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vegetation sampling for the calendar year 2002 included the Waste Rock Disposal site, Demonstration plots and the Pines Tract. Percent cover, species composition and species richness were sampled for the WRD and DEM. The dominant vegetation type on all sites is grasses. Shrubs are slow to appear with augmented seeding suggested. The pines tract was sampled for growth and plant vigor at established photo locations to evaluate possible mining impacts on the Link Canyon Trail Columbine. With drought and grazing most of the plants are in fair to poor condition. |
| Revegetation Success Monitoring | <input checked="" type="checkbox"/> | <input type="checkbox"/> | See comments in the previous section |
| Raptor Survey | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The annual report includes a 2002 raptor survey for the Sufco mine, property and lease boundaries. There are currently no active nests within 1/2 mile of the mine and associated disturbed areas. |
| Other Information | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

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